

## PART 129—ELECTRICAL INSTALLATIONS

### Subpart A—General Provisions

Sec.

- 129.100 General.
- 129.110 Applicability.
- 129.120 Alternative standards.

### Subpart B—General Requirements

- 129.200 Design, installation, and maintenance.
- 129.210 Protection from wet and corrosive environments.
- 129.220 Basic safety.

### Subpart C—Power Sources and Distribution Systems

- 129.310 Power sources.
- 129.315 Power sources for OSVs of 100 or more gross tons.
- 129.320 Generators and motors.
- 129.323 Multiple generators.
- 129.326 Dual-voltage generators.
- 129.330 Distribution panels and switchboards.
- 129.340 Cable and wiring.
- 129.350 Batteries—general.
- 129.353 Battery categories.
- 129.356 Battery installations.
- 129.360 Semiconductor-rectifier systems.
- 129.370 Equipment grounding.
- 129.375 System grounding.
- 129.380 Overcurrent protection.
- 129.390 Shore power.
- 129.395 Radio installations.

### Subpart D—Lighting Systems

- 129.410 Lighting fixtures.
- 129.420 Branch circuits for lighting on OSVs of 100 or more gross tons.
- 129.430 Navigational lighting.
- 129.440 Emergency lighting.
- 129.450 Portable lighting.

### Subpart E—Miscellaneous Electrical Systems

- 129.510 Lifeboat winches.
- 129.520 Hazardous areas.
- 129.530 General alarm.
- 129.540 Remote stopping-systems on OSVs of 100 or more gross tons.
- 129.550 Power for cooking and heating.
- 129.560 Engine-order telegraphs.

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SOURCE: CGD 82–004 and CGD 86–074, 62 FR 49332, Sept. 19, 1997, unless otherwise noted.

### Subpart A—General Provisions

#### § 129.100 General.

This part contains requirements for the design, construction, and installation of electrical equipment and systems including power sources, lighting, motors, miscellaneous equipment, and safety systems.

#### § 129.110 Applicability.

Except as specifically provided in this subchapter, electrical installations on OSVs must comply with subchapter J of this chapter.

[CGD 82–004 and CGD 86–074, 62 FR 49332, Sept. 19, 1997, as amended by USCG–2010–0759, 75 FR 60003, Sept. 29, 2010]

#### § 129.120 Alternative standards.

(a) An OSV of 19.8 meters (65 feet) in length or less may meet the following requirements of the American Yacht and Boat Council Projects, where applicable, instead of § 129.340 of this part:

(1) E–1, Bonding of Direct Current Systems.

(2) E–8, AC Electrical Systems on Boats.

(3) E–9, DC Electrical Systems on Boats.

(b) An OSV with an electrical installation operating at a potential of less than 50 volts may comply with 33 CFR 183.430 instead of § 129.340 of this part.

### Subpart B—General Requirements

#### § 129.200 Design, installation, and maintenance.

Electrical equipment on a vessel must be designed, installed, and maintained to—

(a) Provide services necessary for safety under normal and emergency conditions;

(b) Protect crew members, offshore workers, and the vessel from electrical hazards, including fire, caused by or originating in electrical equipment and electrical shock;

(c) Minimize accidental personal contact with energized parts; and

(d) Prevent electrical ignition of flammable vapors.